

From: [Brass, Agaha](#)
To: [louis.martin@la.gov](#); [louis.martin@la.gov](#); [sherri.courtney@la.gov](#); [sherri.courtney@la.gov](#); [regenia.taylor@la.gov](#); [regenia.taylor@la.gov](#); [karen.price2@la.gov](#); [karen.price2@la.gov](#); [Greg Fife/R6/USEPA/US@EPA](#); [Sherman, Robert](#); [Bordelon, David](#)
Cc: [Hadwin, Erik](#); [Howard, Larry](#)
Subject: FW: Bayou Corne Natural Gas Seep-Activities conducted on Saturday, August 25, 2012 between 0730 hrs to 2000 hrs
Date: 08/25/2012 07:22 PM

Activities Performed by EPA START personnel on Saturday, August 25, 2012 between 0730 hrs to 2000 hrs:

- 24/7 air monitoring/oversight was conducted at the drilling site. Duties included:
 1. Review of facility's real-time monitoring data with the facility/contractor personnel (Sage/Code Red)
 - i. One elevated VOC count (19.8) was noticed at Unit 1 but personnel attributed it to boat traffic as the reading went back to 0.0 within an hour.
 2. Review of alarm readings and also calibration and maintenance records for facility's air monitoring instruments
 3. Hand-held monitoring at 9 monitoring points.
 - i. Parameters monitored included CO, H₂S, VOCs, LEL, and O₂. All readings were below the low action levels and within normal O₂ readings.
 - ii. Monitoring was conducted using the MultiRae. Between 1900 hrs and 2000 hrs on August 25, 2012, no monitoring at the 9 monitoring points was being conducted as the next scheduled monitoring run was to be 2000 hrs. Although, a light rain began and may be a limiting factor for the 2000 hrs monitoring run. Between 0800 hrs to 2000 hrs on August 25, 2012, EPA START completed 6 rounds of hand-held monitoring at the 9 monitoring points.
- On the 5th run START-3 contractors noticed the AreaRaes at LDEQ points 3 and 9 were frequently fluctuating between 0.0 and 0.4 on the VOC meters but were 0.0 on the MultiRae during the same monitoring periods. During the 5th monitoring run facility/contractor personnel were installing a pipeline and ditch at the entrance to point 6. On the 6th run they move closer to the drilling rig and were installing a pipeline and ditch there. No elevated reading were noticed on the MultiRae during either installation. Lots of heavy equipment traffic (18-wheelers carrying backhoes, cherry pickers, and bulldozers) existed on the site throughout the day but no elevated readings were noticed on the MultiRae. No additional problems or issues were encountered.

Agaha Y. Brass

Senior Project Scientist



13702 Coursey Blvd.,
Bldg #7, STE A
Baton Rouge, LA 70817
Office: 225-297-5404
Mobile: 225-335-3119
Fax: 225-293-8339

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